

RETAINING SYSTEM FOR A ROTOR OF A DYNAMOELECTRIC MACHINE

Abstract

A retaining system for field winding end turns of a rotor, such as for a dynamoelectric machine. The rotor has an outer peripheral surface, radial end surfaces, axially-extending slots in the peripheral surface, and field windings in the slots. The field windings axially project from the end surfaces of the rotor and are connected outside of the slots by field winding end turns. The end turns are surrounded by the retaining system, which includes a shield member surrounding the end turns and a retainer member surrounding to the shield member. The shield member has flanges received in the slots along with the field windings. Fastening features engage the flanges to inhibit axial movement of the retaining system.